

*IL-1 $\beta$  actions on  $\beta$  cells can be potentially regulated at three levels:*

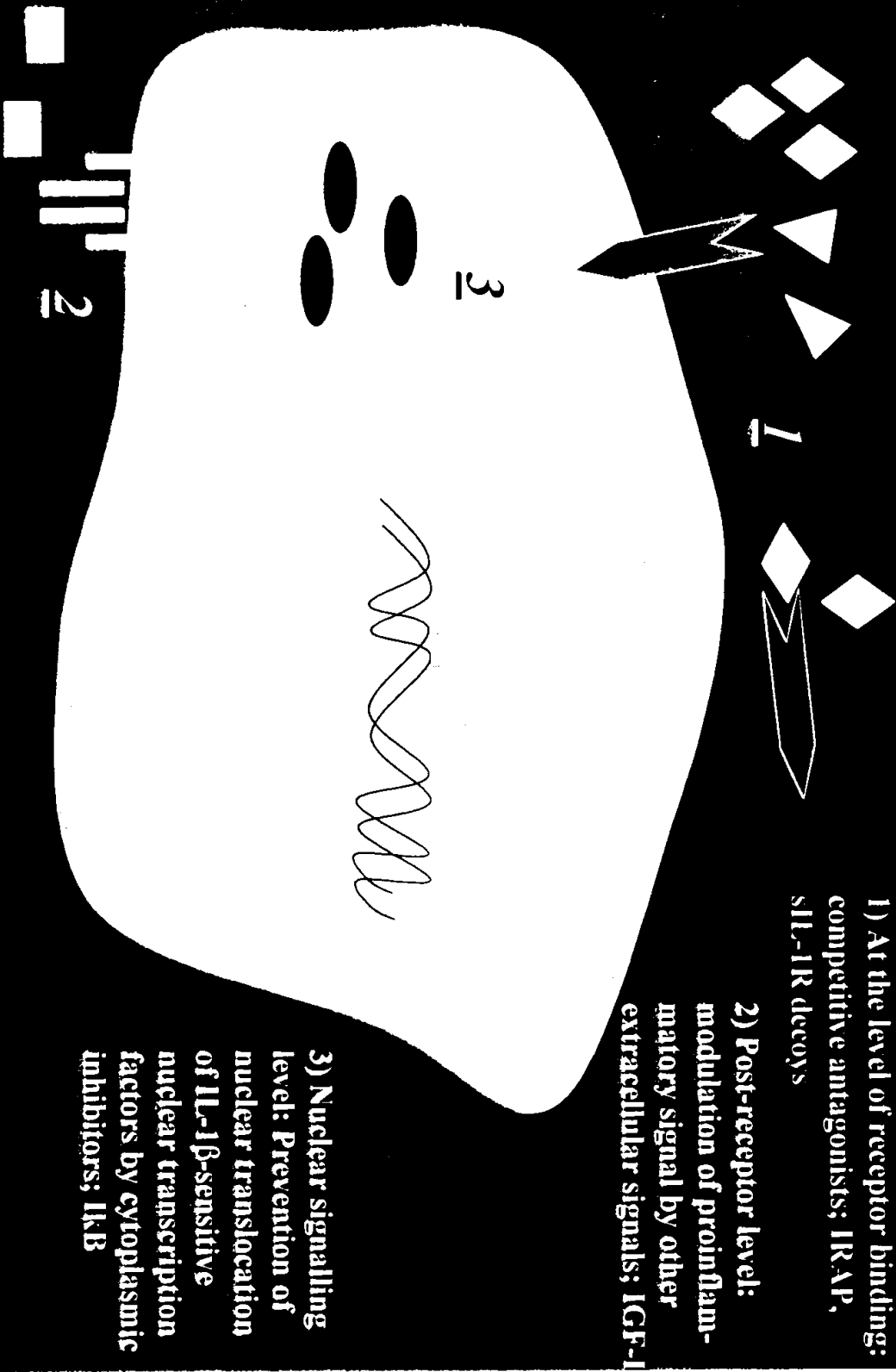


FIGURE 1A

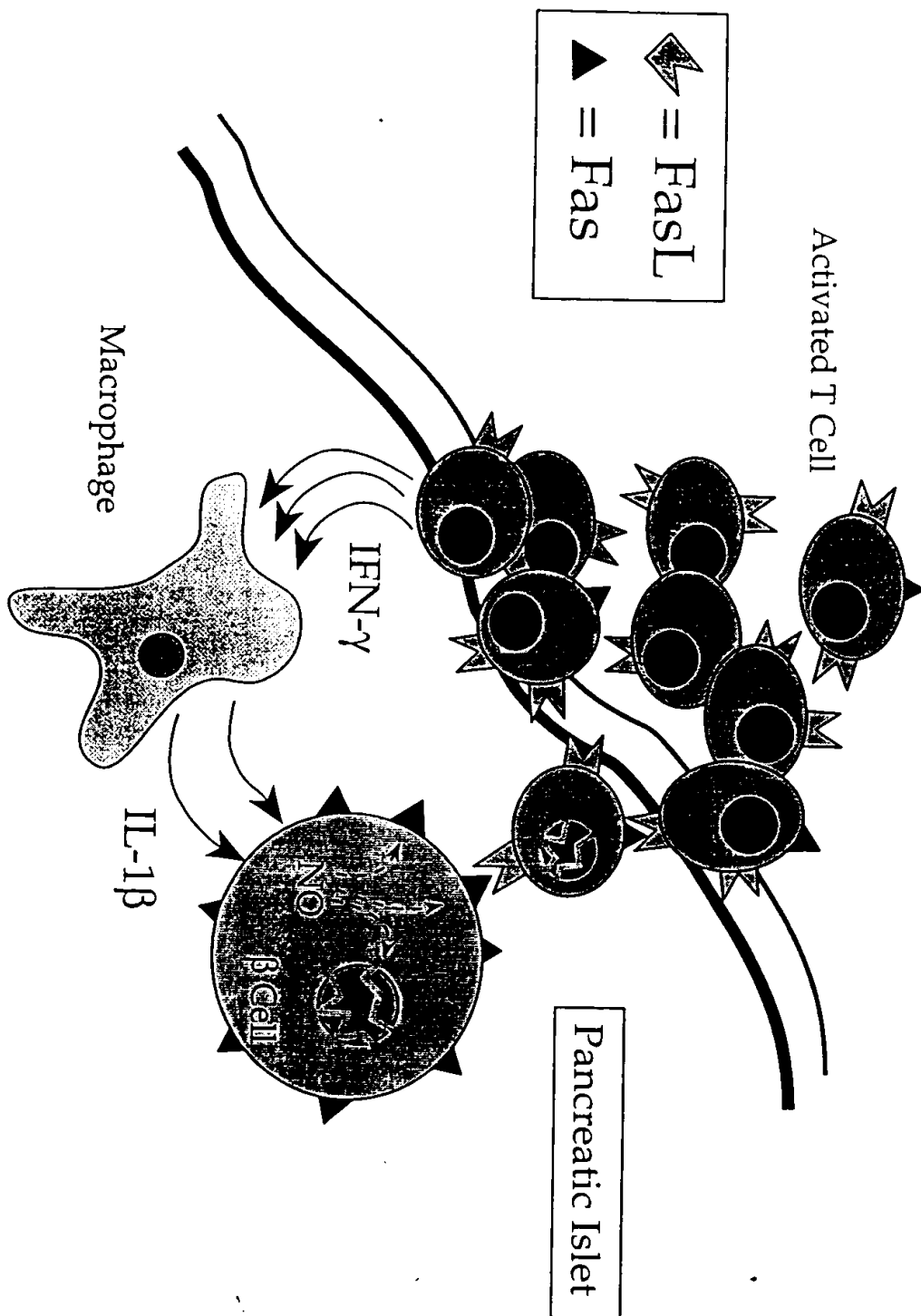


Figure 1B

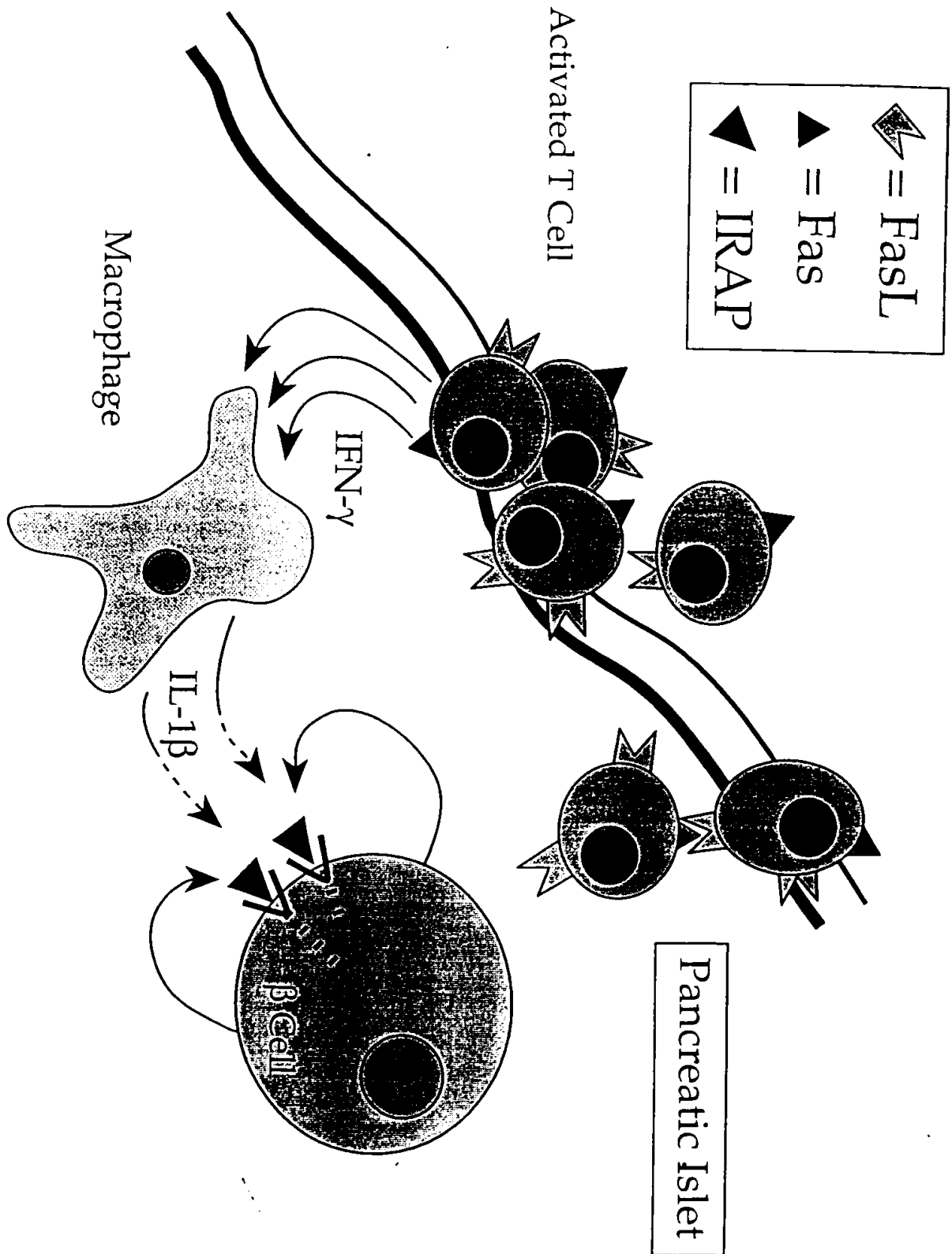


Figure 1C

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II



Figure 2

Insulin release  
(% of control)

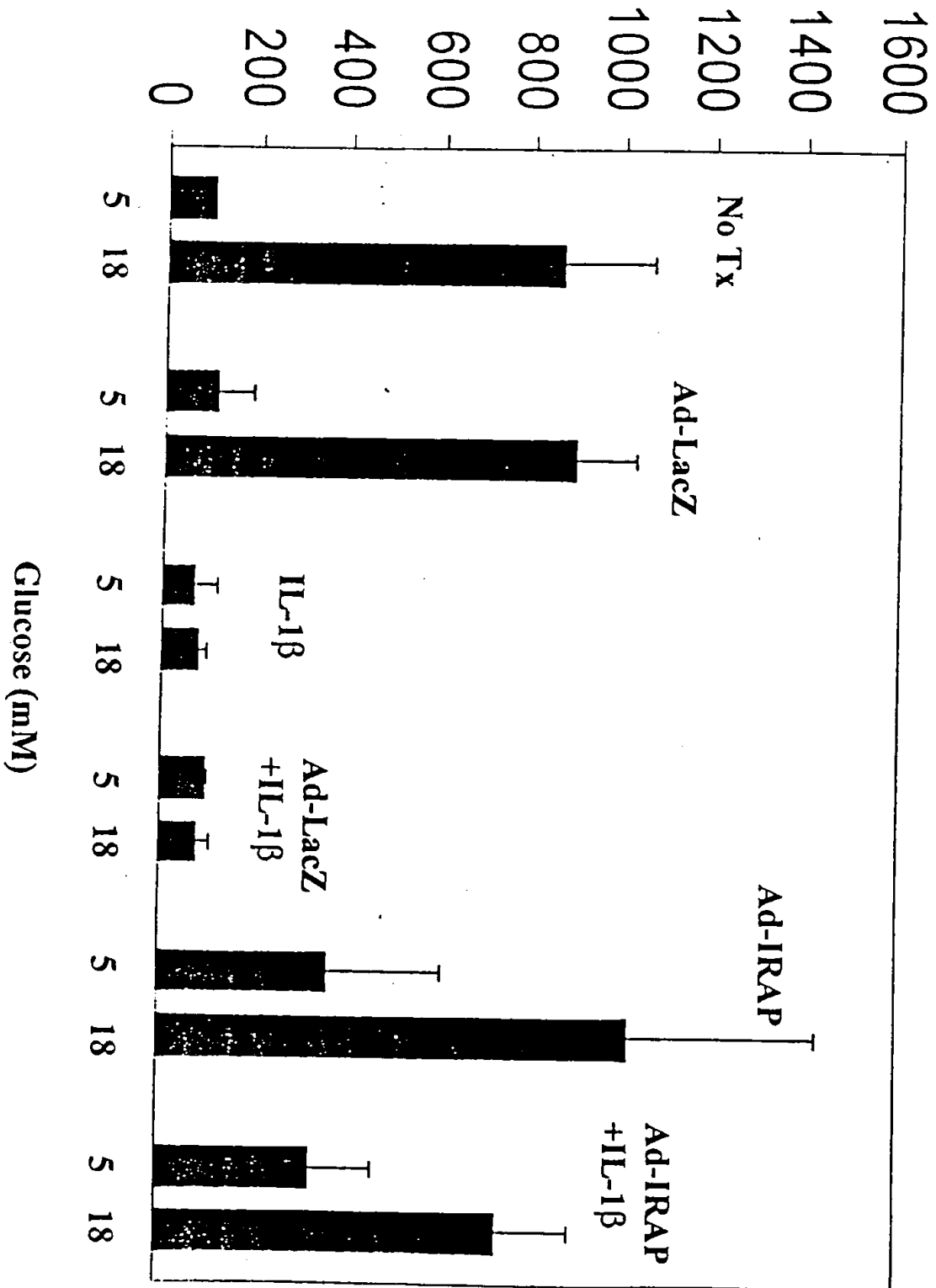


FIGURE 3

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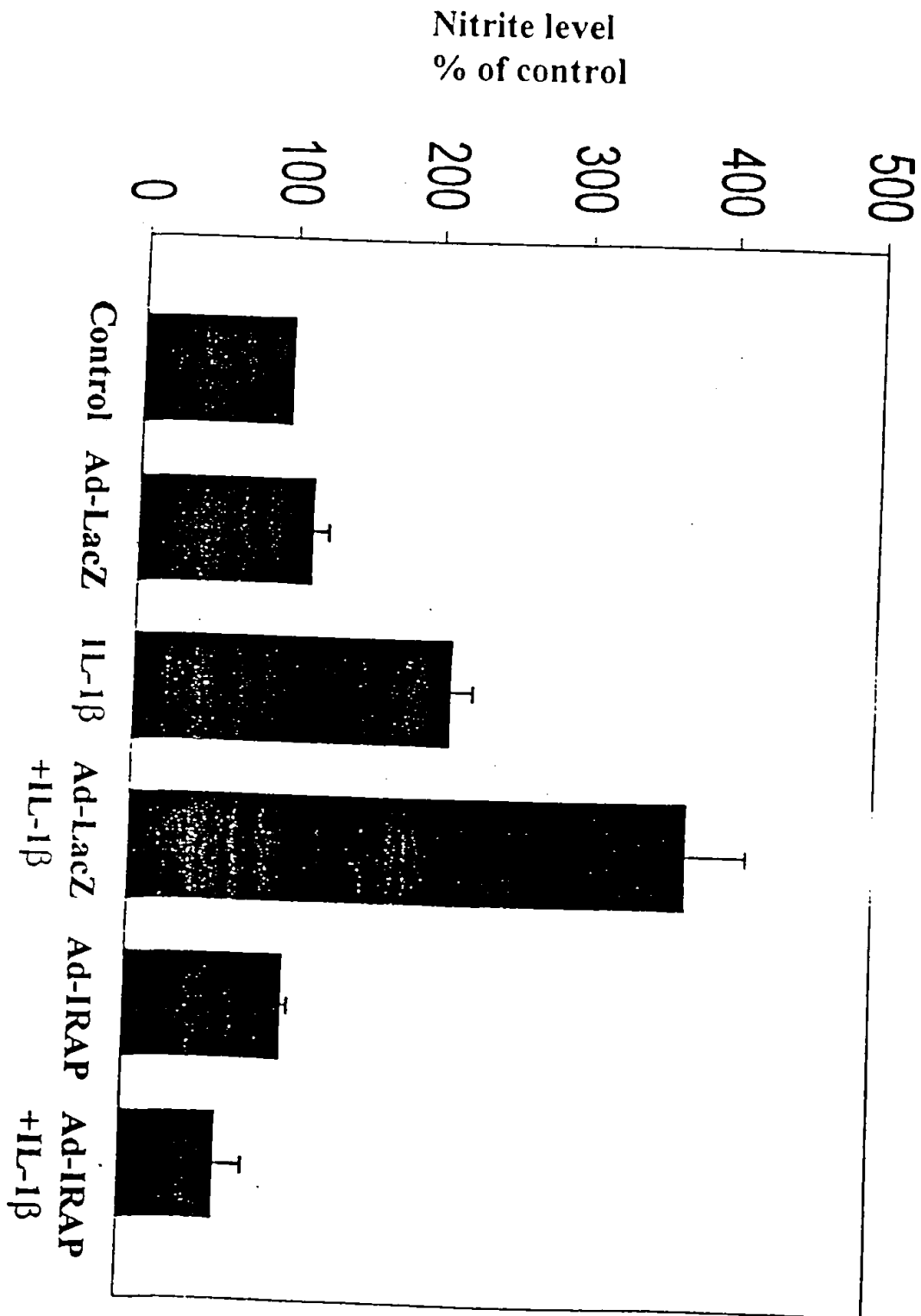


FIGURE 4

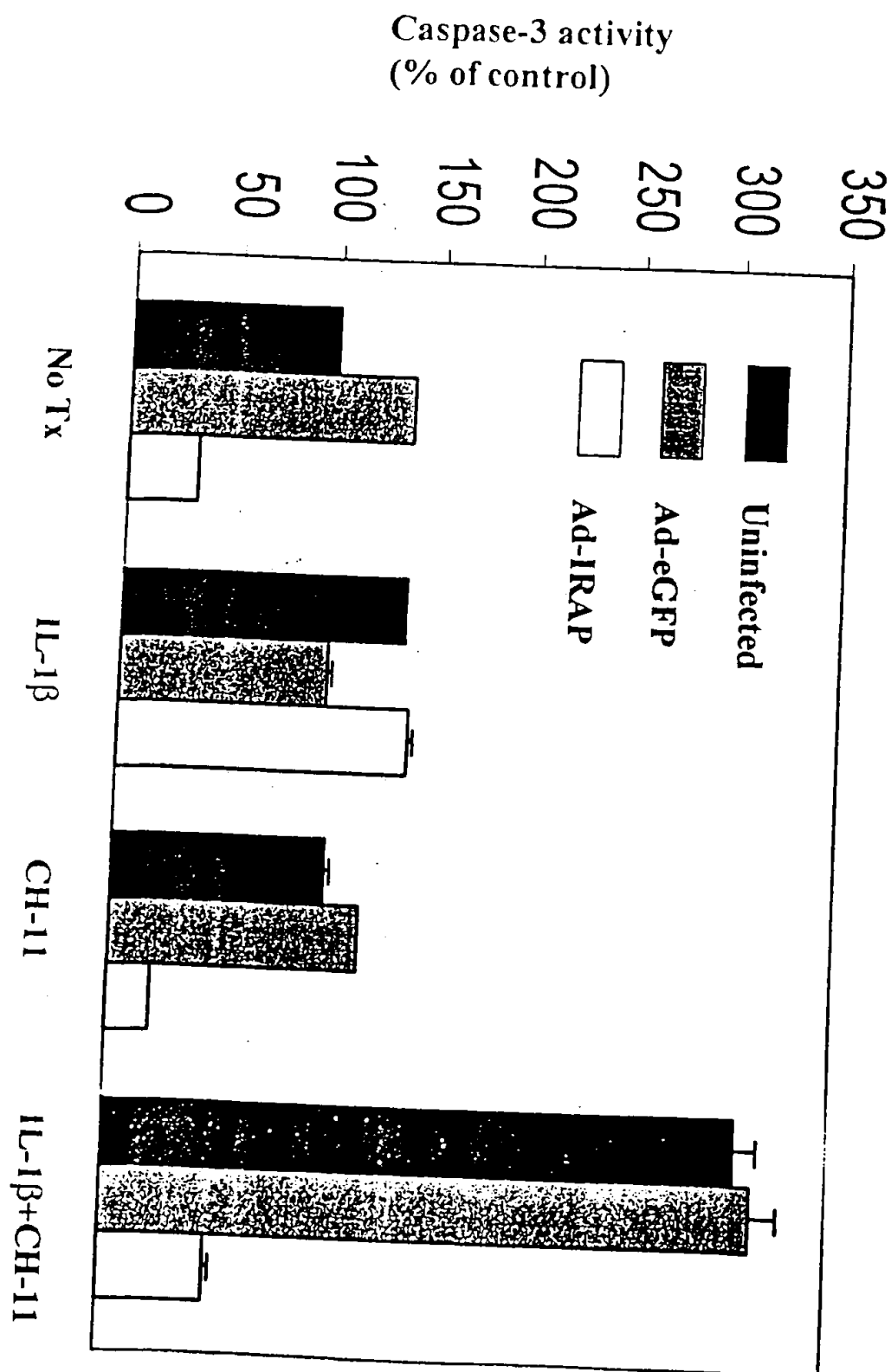


FIGURE 5

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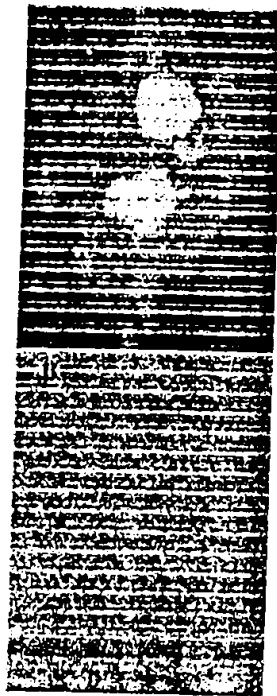


FIGURE 6



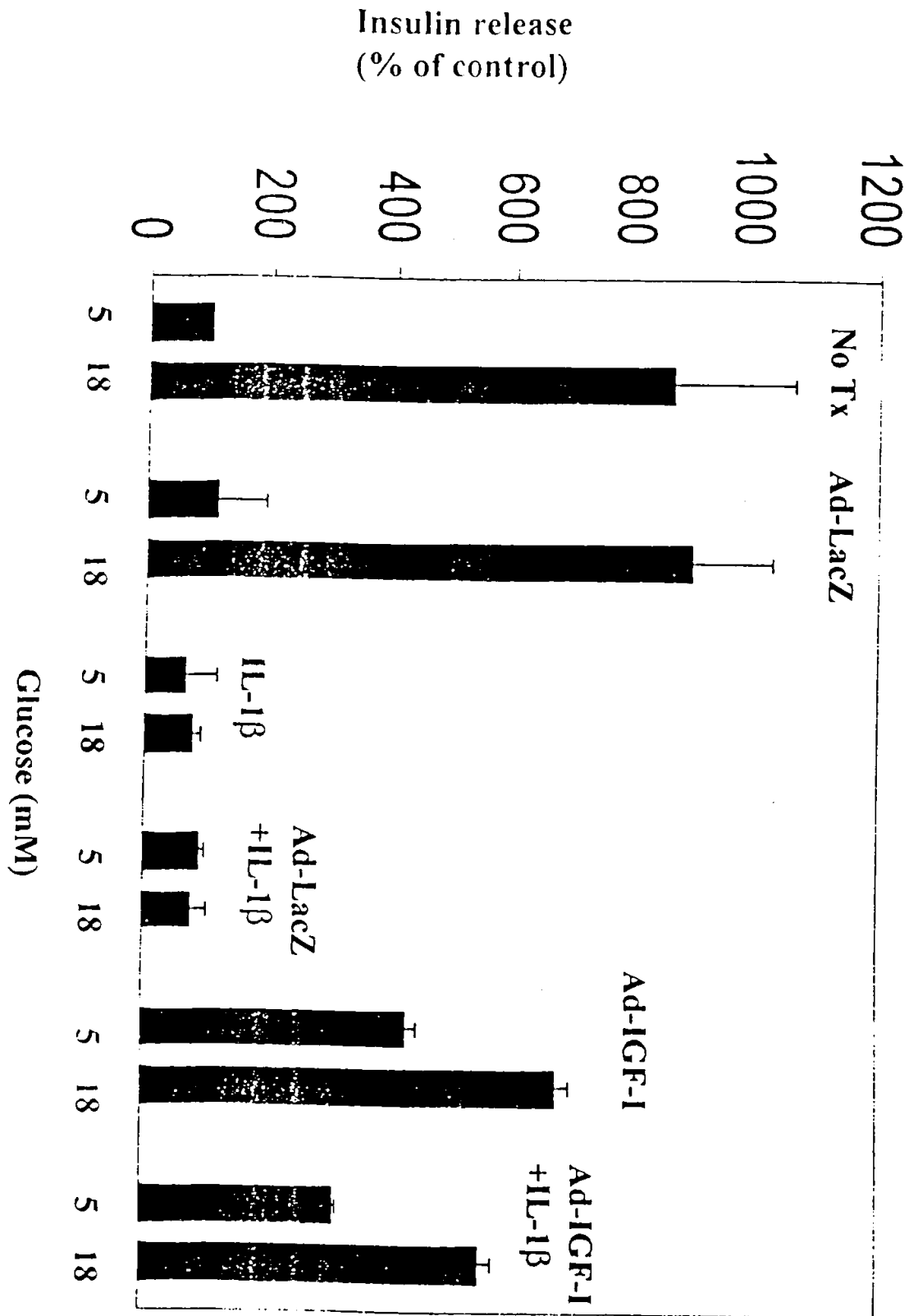


FIGURE 7

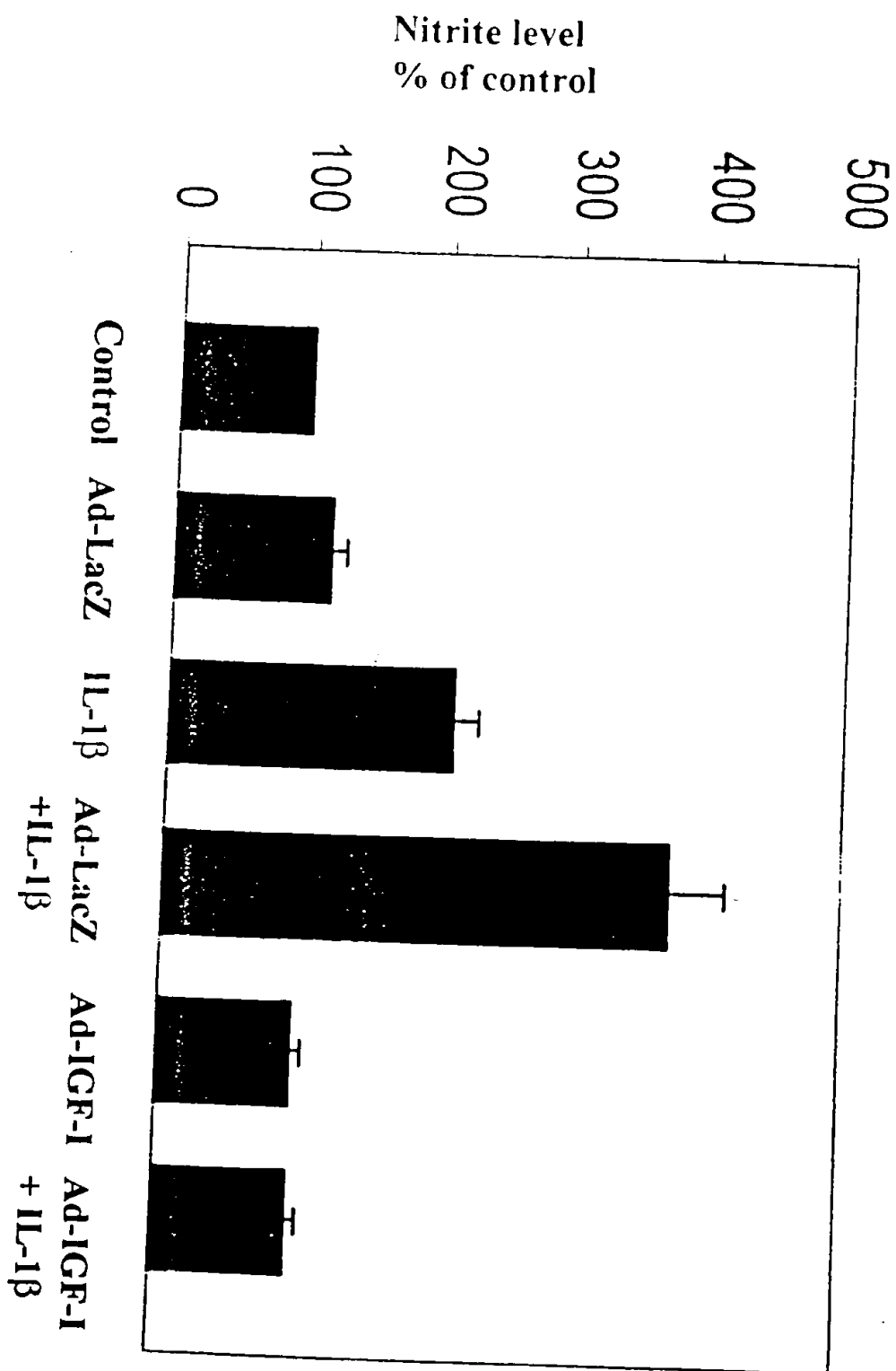


FIGURE 8

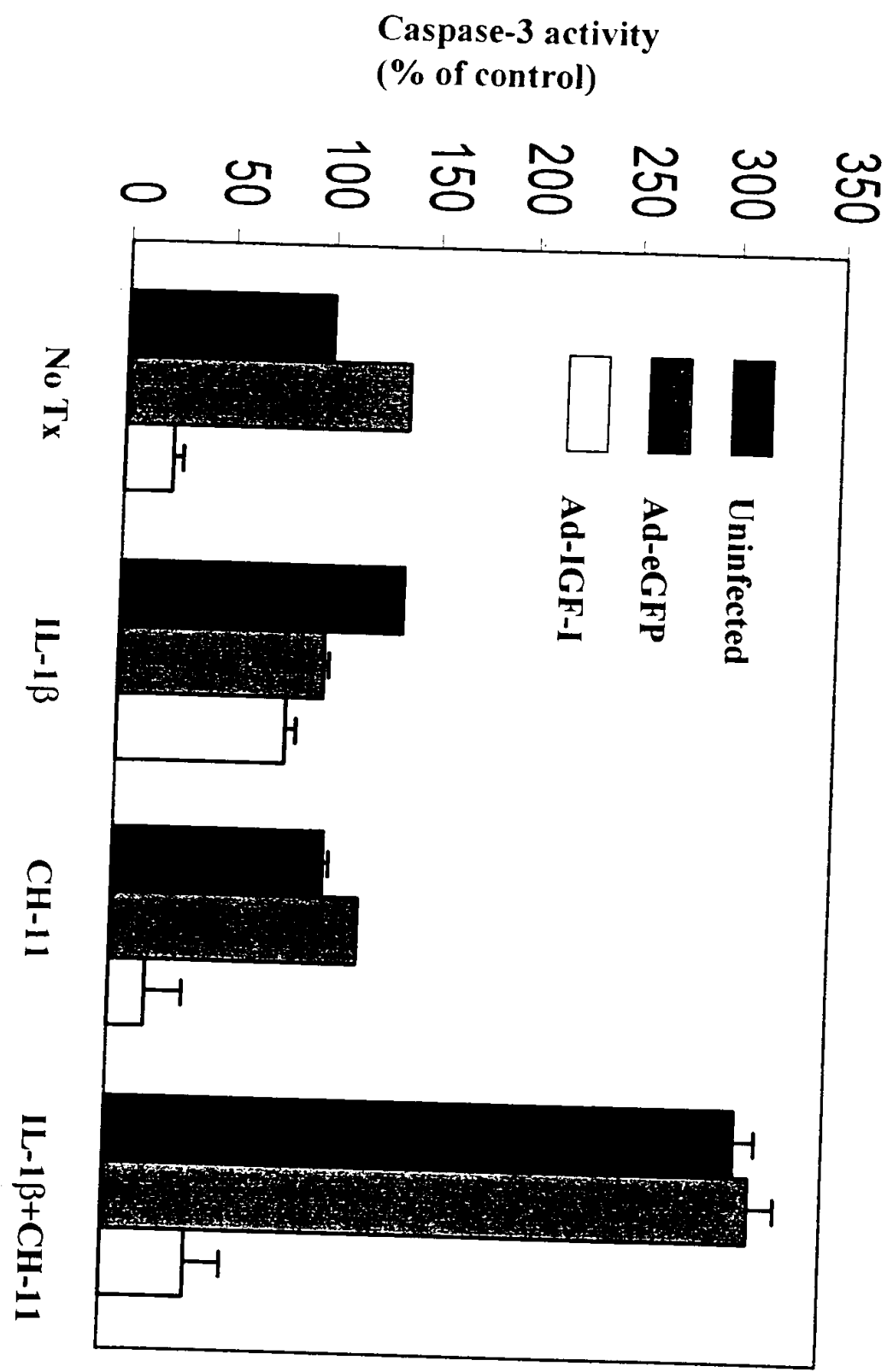


FIGURE 9

A



B



C

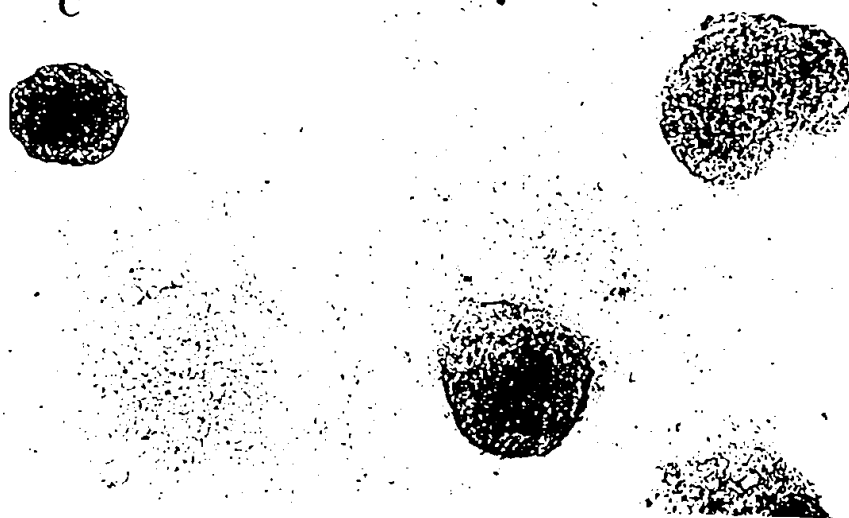


Figure 10

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FIGURE 11A

Cell Number

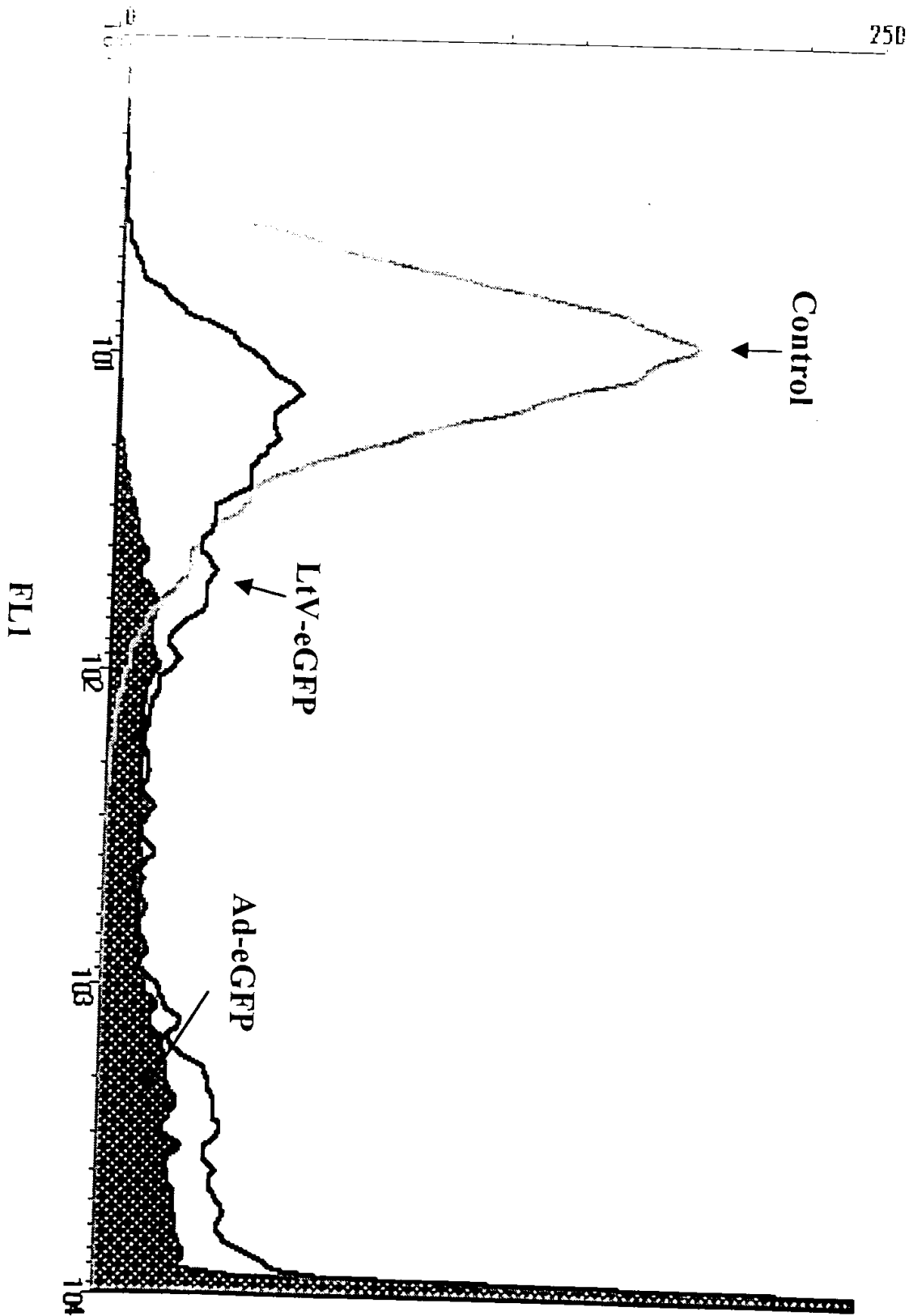
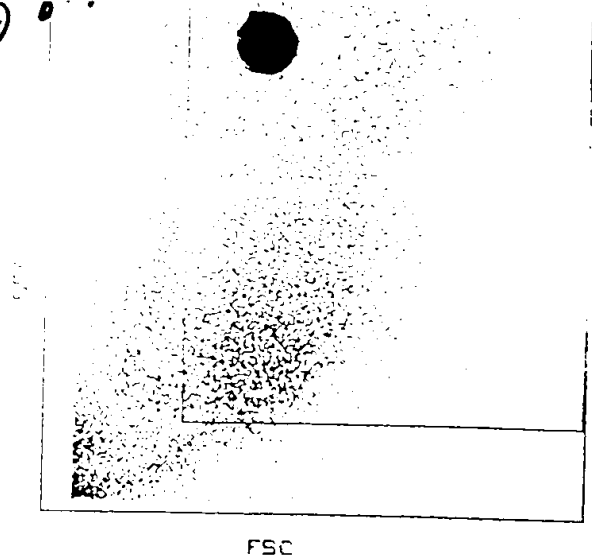
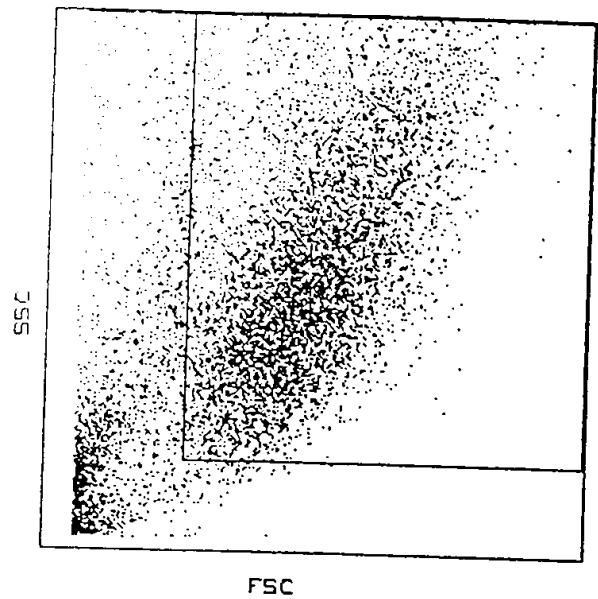


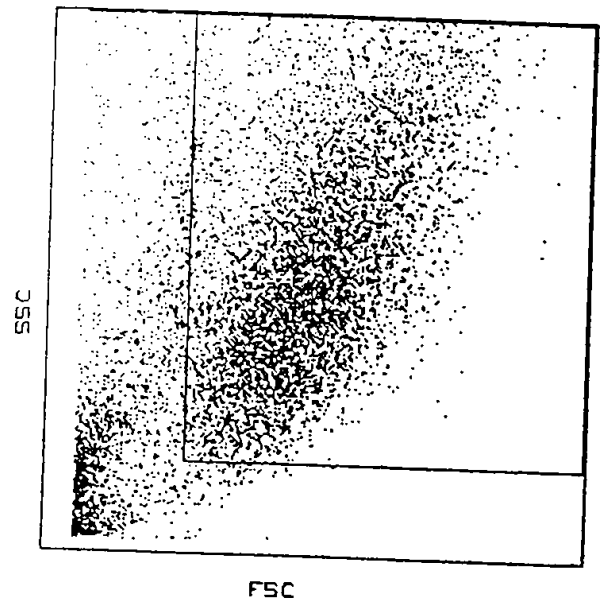
FIGURE 11B



Ad-eGFP



LtV-eGFP



Scatterplots of single islet cells from infected islets

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Secreted IL-1Ra (ng/mL)  
200 islets/48 hours

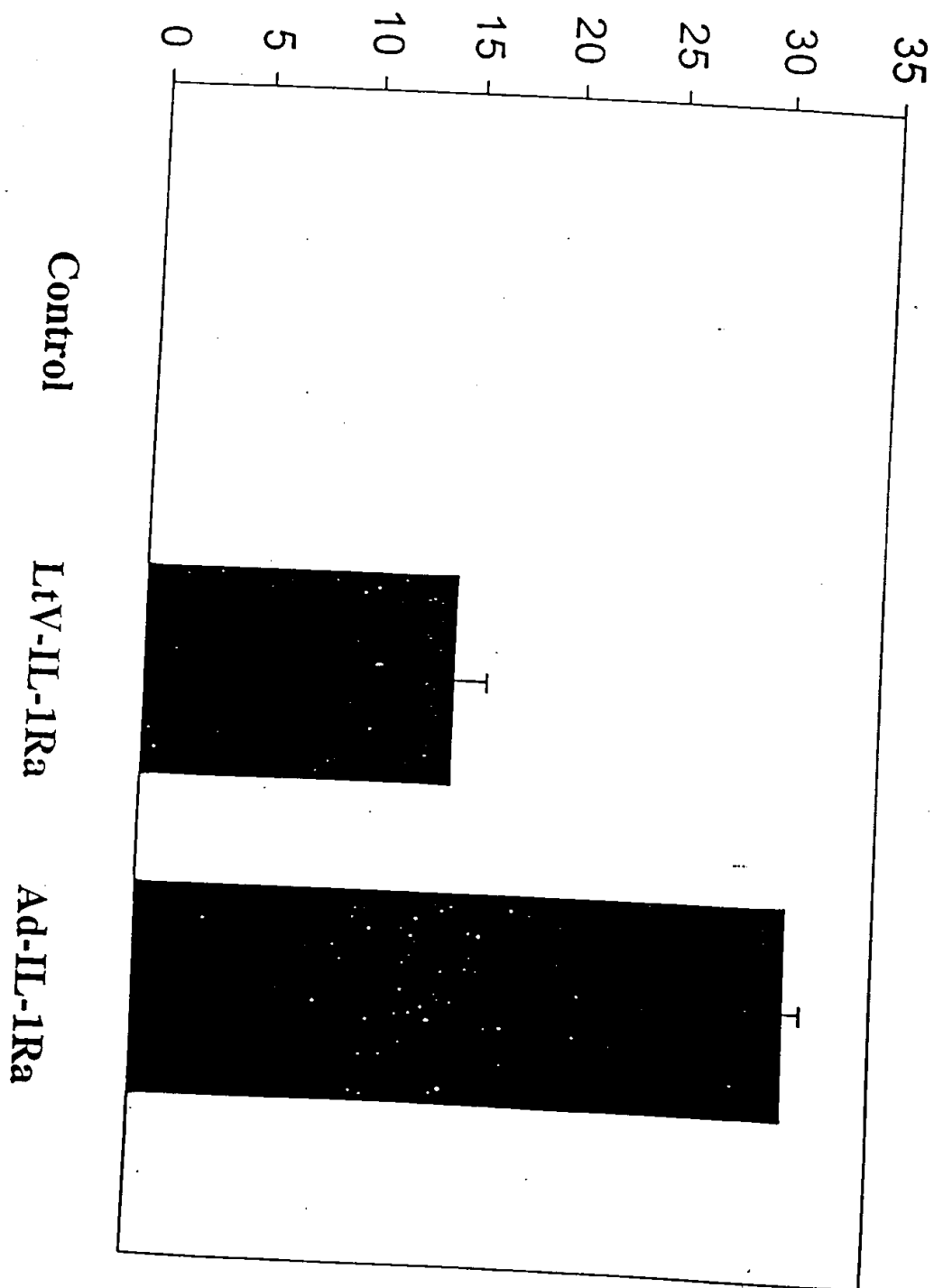


FIGURE 12



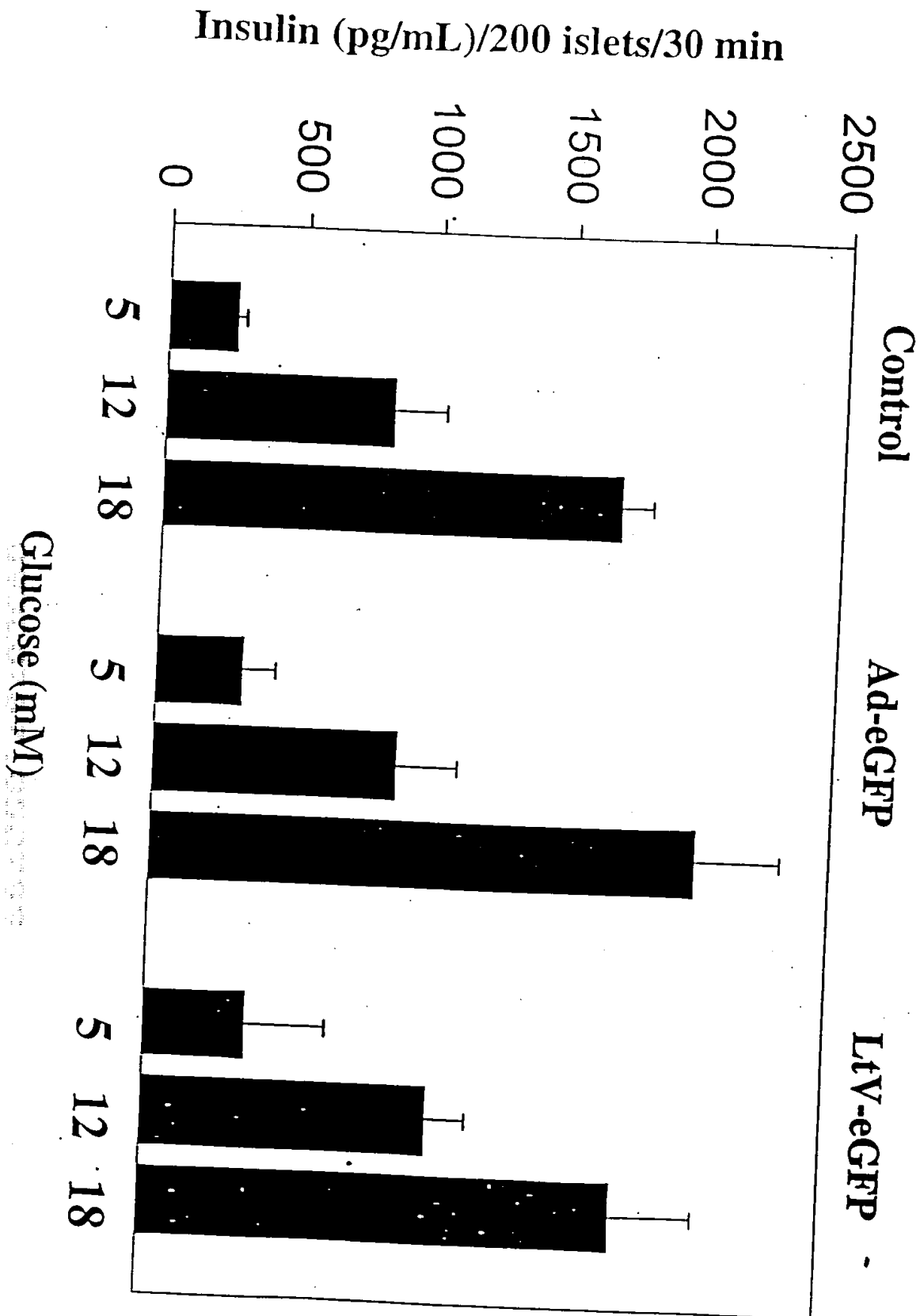


FIGURE 13